SEQUENCE LISTING

<110> DEPAOLI, Alex M.
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       GARG, Abhimanyu

<120> USE OF LEPTIN FOR TREATING HUMAN LIPOATROPHY AND METHOD OF
       DETERMINING PREDISPOSITION TO SAID TREATMENT

<130> 54113.8005.US02

<140> not yet assigned
<141> 2003-07-18

<150> US 10/279,129
<151> 2002-10-22

<150> US 60/336,394
<151> 2001-10-22

<160> 2

<170> PatentIn version 3.1

<210> 1
<211> 146
<212> PRT
<213> Artificial Sequence

<220>
<223> Recombinant Leptin Human 146 (rHu-Leptin 1-146)

<400> 1

Val Pro Ile Gln Lys Val Gln Asp Asp Thr Lys Thr Leu Ile Lys Thr
1   5   10   15

Ile Val Thr Arg Ile Asn Asp Ile Ser His Thr Gln Ser Val Ser Ser
            20   25   30

Lys Gln Lys Val Thr Gly Leu Asp Phe Ile Pro Gly Leu His Pro Ile
        35   40   45

Leu Thr Leu Ser Lys Met Asp Gln Thr Leu Ala Val Tyr Gln Gln Ile
    50   55   60

Leu Thr Ser Met Pro Ser Arg Asn Val Ile Gln Ile Ser Asn Asp Leu
65   70   75   80

Glu Asn Leu Arg Asp Leu Leu His Val Leu Ala Phe Ser Lys Ser Cys
                85   90   95

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His Leu Pro Trp Ala Ser Gly Leu Glu Thr Leu Asp Ser Leu Gly Gly
            100             105             110

Val Leu Glu Ala Ser Gly Tyr Ser Thr Glu Val Val Ala Leu Ser Arg
            115             120             125

Leu Gln Gly Ser Leu Gln Asp Met Leu Trp Gln Leu Asp Leu Ser Pro
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Gly Cys
145
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<210>   2
<211>   145
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   Recombinant Leptin Human 145 (rHu-Leptin 1-145)

<400>   2
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Val Pro Ile Gln Lys Val Gln Asp Asp Thr Lys Thr Leu Ile Lys Thr
1               5               10              15

Ile Val Thr Arg Ile Asn Asp Ile Ser His Thr Ser Val Ser Ser Lys
            20              25              30

Gln Lys Val Thr Gly Leu Asp Phe Ile Pro Gly Leu His Pro Ile Leu
            35              40              45

Thr Leu Ser Lys Met Asp Gln Thr Leu Ala Val Tyr Gln Gln Ile Leu
    50              55              60

Thr Ser Met Pro Ser Arg Asn Val Ile Gln Ile Ser Asn Asp Leu Glu
65              70              75              80

Asn Leu Arg Asp Leu Leu His Val Leu Ala Phe Ser Lys Ser Cys His
            85              90              95

Leu Pro Trp Ala Ser Gly Leu Glu Thr Leu Asp Ser Leu Gly Gly Val
            100             105             110

Leu Glu Ala Ser Gly Tyr Ser Thr Glu Val Val Ala Leu Ser Arg Leu
            115             120             125

Gln Gly Ser Leu Gln Asp Met Leu Trp Gln Leu Asp Leu Ser Pro Gly
    130             135             140

Cys
145
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